



Section I

Support

PROJECT MANAGERS

SP&I	W.W. Ballard, RL	(509) 376-6657
	L.R. Hafer, FH	(509) 375-2655
SSE	W.W. Ballard, RL	(509) 376-6657
	M.L. Grygiel, FH	(509) 372-2983
ECP	S.H. Wisness, RL	(509) 373-9337
	J.W. Hales, FH	(509) 376-4069
PSRP	S.H. Wisness, RL	(509) 373-9337
	R.L. Dirkes, PNNL	(509) 376-8177

SUMMARY

Mission Support, Project Baseline Summary (PBS) OT01, consists of four sub-projects:

1. Planning and Integration [Work Breakdown Structure (WBS) 1.8.2.1]
2. Systems Engineering (WBS 1.8.2.2)
3. Environmental Compliance (WBS 1.8.2.3)

The Environmental Compliance Program is composed of two elements. These two elements were stand-alone programs known as the Hanford Environmental Management Program (HEMP) and the Effluent and Environmental Monitoring Program (EEM) prior to FY99.

Although there is a single program, these elements retain their identity on the Integrated Priority List as two separate Units of Analysis.

4. Public Safety and Resource Protection (WBS 1.8.2.4)

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of April 30, 2001. All other information is as of May 17, 2001 unless otherwise noted.

Fiscal-year-to-date milestone performance (EA, DOE-HQ, and RL) shows that eighteen milestones (95 percent) were completed on or ahead of schedule and one milestone (5 percent) was completed late.

NOTABLE ACCOMPLISHMENTS

BUDGET & PERFORMANCE ANALYSIS (B&PA)

Integrated Planning, Accountability and Budgeting System (IPABS) Updates – The Fiscal Year (FY) 2003 Congressional Budget Request information was prepared and entered into DOE-HQ's IPABS. This effort entailed 1) updating narratives for lifecycle and the FY 2003 planned accomplishments; 2) revising metric quantities and milestone dates to reflect the FY 2002 President's Budget reduced funding scenario; and 3) providing two IPL cases, one at the FY 2002 President's Budget and another at a Full Requirements scenario.

Integrated Priority List – The Integrated Priority List (IPL) Module was updated to reflect the latest prioritization of the work to be funded (performed) for FY 2003. Narratives describing the work scope and impacts of potentially reduced funding were also updated in the IPL Module. This update, made at the DOE-HQ target funding level (one part of the Budget Request information batch-fed into the DOE-HQ IPABS), included RL data and contractor data for FH, Bechtel Hanford, Inc, and the Pacific Northwest National Laboratory.

Unified Field Budget Request (UNICALL) Submittals – During April, B&PA coordinated the submittal of budget request documents, including the *Field Work Proposal* for FFTF, and the *Cost of Work for Others* report.

Project Master Schedules – B&PA supported the update of the project summary schedules to include identification of the RL PBS number associated with each significant scope of work, and the inclusion of cost by major building block. This effort is about 60 percent complete, and is being done to support FH's Central Plateau Master Schedule update due on June 30, 2001.

Planning Rates – A new planning rate table, including labor and overhead rates, and WBS dictionary was issued to the projects for use in updating project baselines. The rate table is applicable to the FH contract period (FY 2001 – FY 2006). The WBS is a FH structure that will be mapped to the RL Project Baseline Summaries (PBSs) for reporting purposes.

Funds Management – B&PA continued to obtain Fiscal Year Spending Forecast (FYSF) and Estimate at Completion (EAC) data from the projects on a monthly basis to analyze projected PHMC spending in comparison to available funds. Meetings were held with the major project areas to review forecasts and identify potential issues. Presentation formats for exhibiting funds management status have been initiated for the Resource Management Board in support of its decision-making efforts to maximize clean-up work while controlling spending within available funds.

Performance Management Meetings (PMMs) – In April, the format of the monthly PMMs was revised. Choosing to focus monthly status on company-related performance rather than on Outcome-related performance, "The River" PMM will now be replaced with a meeting between RL and BHI only, and "The Central Plateau" meeting will be replaced with a review meeting between RL and FH only. The new monthly "FH Projects" PMM will review all FH projects previously addressed in the "River" and "Plateau" meetings (i.e., Spent Nuclear Fuel, River Corridor, Nuclear Materials Stabilization, and Waste Management projects) and Fast Flux Test Facility. The basic reporting requirements will not change; however, only the most significant accomplishments, issues, and critical Project decisions/requests requiring the most attention will be addressed. Limiting discussions to these key topics is expected to accommodate the PMM's two-hour timeframe, still ensure coverage of all of the Projects, and make the most effective use of Senior Management's time.

No changes were made to the quarterly "Future" and "Services and Support/Performance Incentives" PMMs, nor were there any impacts from the directed format change on the reporting requirements of the handout materials.

Performance Execution and Reporting Module (PERM) Status - The March FY 2001 Performance Execution Module (PEM) FY 2001 March Status Report was delivered on April 26, 2001 as scheduled through the electronic batch feed to the DOE-HQ IPABS-PEM. Performance data is collected monthly from all RL contractors and transmitted via PERM to DOE-HQ.

Environmental Management Performance Report (EMPR) – The monthly EMPR (including February 2001 cost/schedule data) was delivered on April 3, 2001, and in bound copy on April 11, 2001 as planned.

Business Management Oversight Process (BMOP) Status – Issuance of the revised FY 2001 BMOP criteria is expected on May 31, 2001. Added will be the stipulation that FH meet the DOE O 224.1 contractor requirement that "...the self-assessment shall include a description of how key in-process requirements are being met, including compliance with applicable requirements and key internal controls..." While this requirement has previously been included in the Contractor Requirements Document, per agreements between FH and RL, it has not been enforced. Moreover, based on previous approvals of FH having met its BMOP expectations, there is no FY 2001 budget planned for such assessment(s) to meet this additional stipulation.

SYSTEMS ENGINEERING & INTEGRATION (SE&I)

SE&I supported the FH initiative (Requirements Initiatives Integration Team [RIIT]) to find at least \$22M in efficiencies in the Indirect Funded activities to provide funding for critical work in FY 2001.

SE&I is working with Site Planning and Integration to develop FH guidance for the Projects to update Project baselines to reflect the new contract.

SE&I is providing support to the Spent Nuclear Fuel and Plutonium Finishing Plant Accelerated Closure Project.

ENVIRONMENTAL COMPLIANCE PROGRAM (ECP)

Compliance/Issue Resolution

The Waste Management Project was supported in planning for the upcoming activity concerning the 200 Area Effluent Treatment Facility Resource Conservation and Recovery Act of 1976 (RCRA) de-listing petition modification.

Vessel inventory support was provided to Plutonium Finishing Plant (PFP) personnel in their efforts to prepare for upcoming Tri-Party Agreement (TPA) negotiations. This support included reviewing drawings for information on known tanks and to rediscover other tanks, attending status meetings, and providing meeting minutes.

Input to the T Plant Part B application preparation efforts on secondary containment issues related to single-wall piping penetrations was provided.

Regulatory analysis white papers on new source review applicability were developed for the River Corridor Project and PFP. Several permit/compliance strategy meetings were held for PFP and Waste Management (WM) facilities, offering interpretive authority support/consultation for proposed facility/project activities.

Coordination support for the U.S. Department of Energy, Richland Operations Office (RL) was provided in the successful completion of three Washington State Department of Ecology (Ecology) Air Technical Assistance Visits (TAV).

Project support was provided in final comment resolution of the PFP Polycube Air Toxic Permit. Ecology issued this permit during the reporting period. Finalization of a Notice of Construction (NOC) application modification for this facility is currently ongoing.

A site location evaluation review was performed for the DynCorp landlord function for Request #2E-01-05, which would place a soft-cover enclosure on an existing concrete pad near MO-414 in the 200 East Area. The cover would provide short-term storage for saltwell pumping equipment, including maintenance and painting of the items. Review comments emphasized cleanup and disposal of items, plus requirements to ensure that secondary wastes generated at the location will be properly controlled.

Regulatory agency inspections and information requests were coordinated, as well Fluor Hanford (FH) Projects review and assistance, for responding to subsequent agency 'findings' at the following facilities:

Ongoing collodion inspection at FH labs:

April 17, 2001, the RL Office of Inspector General and the U.S. Environmental Protection Agency (EPA) reviewed the TPA milestones related to the 100K Basins and the Spent Nuclear Fuels Project.

April 23, 2001, the Washington State Department of Health (WDOH) conducted a visual inspection of the Waste Sampling and Characterization Facility (WSCF) laboratories archived record air sample filter papers for the first quarter 2001 calendar year (CY). The visual inspection of the air sample filter papers was a commitment made to WDOH as a corrective measure to a Notice of Correction that they had issued, Audit No. 238.

May 10, 2001, Ecology (Kennewick) and the Central Ecology Regional Office, observed areas proposed for a new cement batch plant.

Regulatory analysis support/data, including an RL briefing, were provided on the ambient air quality status for the region. Several graphs were provided to the DOE Program Manager in response to specific questions in showing area trends over the last 10 years.

Progress towards a centralized chemical management system continues. The determination of National Fire Protection Association (NFPA) 704 Hazard Ratings, based on criteria provided by Occupational Safety & Health (OS&H) and information on the individual chemical Material Safety Data Sheets (MSDS) is ongoing. Several hundred determinations have been made to date, with periodic meetings with OS&H to provide 'mid-course corrections.'

The data on radionuclides emitted from Hanford Site stacks in CY 2000 were submitted to Pacific Northwest National Laboratory (PNNL) dose modelers to calculate the dose to the maximally exposed member of the public. The modeling will include the offsite public and people who worked on the Hanford Site for private, non-Hanford businesses.

Monitoring and Reporting

Milestone ECP-01-904, Quarterly National Emissions Standards for Hazardous Air Pollutants (NESHAPS) Status Report to RL for EPA, was completed and transmitted on April 6, 2001, seventeen days ahead of schedule.

Milestone ECP-01-201, National Environmental Policy Act (NEPA) Activity Report, was delivered on April 9, 2001, one week ahead of schedule.

Milestone ECP-01-304, RCRA Permit Class I Mod Notification, Quarter 3, was delivered on March 27, 2001, six days ahead of schedule. The notification was delivered to Ecology on April 10, 2001, satisfying Permit Condition I.C.3.

For the month of April FY 2001, there were nine (9) non-reportable releases of a hazardous substance and/or a petroleum product released to the environment. All of these releases were cleaned up and disposed of per state and federal requirements. There were no reportable events with a release to the environment. Seven (7) reportable code non-compliance events were reported directly to the regulators by the FH Environmental Single-Point-of-Contact (SPOC) through the FH Occurrence Notification Center (ONC) recorded phone line.

During this report period, a call was issued to Site contractors for information regarding toxic chemical use during CY 2000. The purpose of this information is to determine the Hanford Site reporting obligations under Section 313 of the Emergency Planning and Community Right-To-Know Act.

A kick-off meeting was held during this report period with representatives of Bechtel Hanford, Inc. (BHI), PNNL, and CH2M HILL Group (CHG) to discuss the preparation of the 2000 Annual Polychlorinated Biphenyl (PCB) Document Log that is due June 15, 2001.

Continuous Improvement

A radiation air permitting self-assessment was conducted to examine causes for recent difficulties encountered with obtaining WDOH approvals for NOCs. The assessment focused on the recent Shippingport fuel removal NOC, a good example of the challenges faced and other considerations, such as the new contract provisions pertaining to timeframes for permit application submittals. Preliminary conclusions are that more formal schedules need to be developed for each NOC that is discussed with RL and WDOH, and that a letter of clarification needs to be developed for the contract provision regarding timeframes for permit application submittals.

The current Hanford Facility RCRA Permit Internet files will be converted from a primarily Hypertext Markup Language (HTML) platform to a Portable Document Format (PDF) platform. The RCRA Permit will have a table of contents that will link to the permit attachments (PDF files). This should result in lower maintenance costs and increased accuracy. This was a good opportunity, since the Permit files had to be updated with the recent issuance of Revision 7 of the Permit by Ecology. It is anticipated the conversion will be completed in May 2001.

A description of the training program requirements specific to individuals functioning as an Environmental Compliance Officer (ECO) has been included in the FH Training and Qualification Plan. The training program requires ECO training and qualification to be confirmed and documented. Development of the training program description completed an opportunity for improvement identified during the Integrated Environment, Safety and Health Management System (ISMS) verification

PUBLIC SAFETY & RESOURCE PROTECTION (PSRP)

The CY 2000 annual Climatological Data Summary was completed during April, five weeks ahead of schedule. It has been sent to duplication for final printing. A series of new figures were added to this year's document comparing the CY 2000 daily maximum and minimum temperatures to extremes, most probable and median temperatures for each day.

Program staff presented a public lecture entitled "Fire, Ecology and the Hanford Site" as part of the Pacific Northwest National Laboratory Science and Engineering lecture series at Columbia Basin College on April 18.

The CY 1999 *Hanford Site Environmental Report* received the "Crystal Award of Excellence – Annual Report Division" at the International Communicator Awards 2001 Print Media Competition. Bill Hanf, Environmental Technology Division, and Launa Morasch and Kathy Neiderhiser, Economic Development and Communications, were the recipients.

ISMS STATUS

Nothing to report at this time.

CONDUCT OF OPERATIONS

Nothing to report at this time.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Nothing to report at this time.

Opportunities for Improvement

Nothing to report at this time.

UPCOMING ACTIVITIES

The annual *Climatological Data Summary Report for CY 2000* is scheduled for completion and distribution by the end of May 2001.

The *Hanford Cultural Resources Laboratory Procedures Manual* is scheduled for completion and distribution by the end of July 2001.

The annual *CY 2000 Annual Environmental Report* is scheduled for completion and distribution in September 2001.

MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	3	0	0	0	0	1	0	4
DOE-HQ	0	0	0	0	0	0	0	0
RL	12	3	1	0	0	20	0	36
Total Project	15	3	1	0	0	21	0	40

Only TPA/EA milestones and all FY2001 overdue and forecast late milestones are addressed in this report. Milestones overdue are deleted from the Milestone Exception Report once they are completed. The following chart summarizes the FY2001 TPA/EA milestone achievement and a Milestone Exception Report follows. The last milestone table summarizes the first six months of FY 2002 TPA/EA milestones.

FY 2001 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-01-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 20, 2000 – Completed three days early
ECP-01-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2001 – Completed on January 3, 2001, 26 days early
ECP-01-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 23, 2001 – Completed on April 6, 2001, 17 days early.
ECP-01-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2001 – On schedule
DNFSB Commitments		
	Nothing to report at this time.	

Milestone Exception Report

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
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Overdue – 0

Forecast Late – 0

FY 2002 Tri-Party Agreement / EA Milestones		
Number	Milestone Title	Status
ECP-02-901	Issue Quarterly NESHAP Status Report to RL for EPA	Due October 19, 2001
ECP-02-902	Issue Quarterly NESHAP Status Report to RL for EPA	Due January 29, 2002
ECP-02-904	Issue Quarterly NESHAP Status Report to RL for EPA	Due April 19, 2002
ECP-02-906	Issue Quarterly NESHAP Status Report to RL for EPA	Due July 30, 2002
DNFSB Commitments		
	Nothing to report at this time.	

FY 2001 SCHEDULE / COST PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	EAC
PBS OT01	Mission									
WBS 1.8.2	Support Other MYPs	\$ 13,339	\$ 13,236	\$ 14,721	\$ (102)	-0.8%	\$ (1,485)	-11.22%	\$ 23,939	\$ 24,031
Total		\$ 13,339	\$ 13,236	\$ 14,721	\$ (102)	-0.8%	\$ (1,485)	-11.22%	\$ 23,939	\$ 24,031

Authorized baseline as per the Integrated Planning Accountability, and Budget System (IPABS) – Project Execution Module (PEM).

FY TO DATE SCHEDULE / COST PERFORMANCE

The \$ 0.1 million (1 percent) unfavorable schedule variance is within established thresholds.

The \$ 1.5 million (11 percent) unfavorable cost variance is described in the Cost Variance Analysis portion of this report.

For all active sub-PBSs and TTPs associated with the Operations/Field Office, Fiscal Year to Date (FYTD) Cost and Schedule variances exceeding + / - 10 percent or one million dollars require submission of narratives to explain the variance.

Schedule Variance Analysis: (-\$0.1M)

Mission Support — 1.8.2/OT01

Description and Cause: The variance is within thresholds.

Impact: None.

Corrective Action: None.

Cost Variance Analysis: (-\$1.5M)

Mission Support — 1.8.2/OT01

Description and Cause: The \$0.3 million (11 percent) favorable cost variance for B&PA was primarily due to a delay in programming necessary system modifications, which began in May and will continue over the summer months to support the baseline updates and the associated new Work Breakdown Structure (WBS) transitioning to Site Outcomes. Updates to the systems may also be required to support contract requirements (e.g., contract-to-date reporting), reorganizations and the possible utilization of Fluor Corporate commercial systems. The balance of the under run includes unaccrued fee (\$122.5K), which will be removed from the 1.8.2.1 baseline per a BCR that is in process.

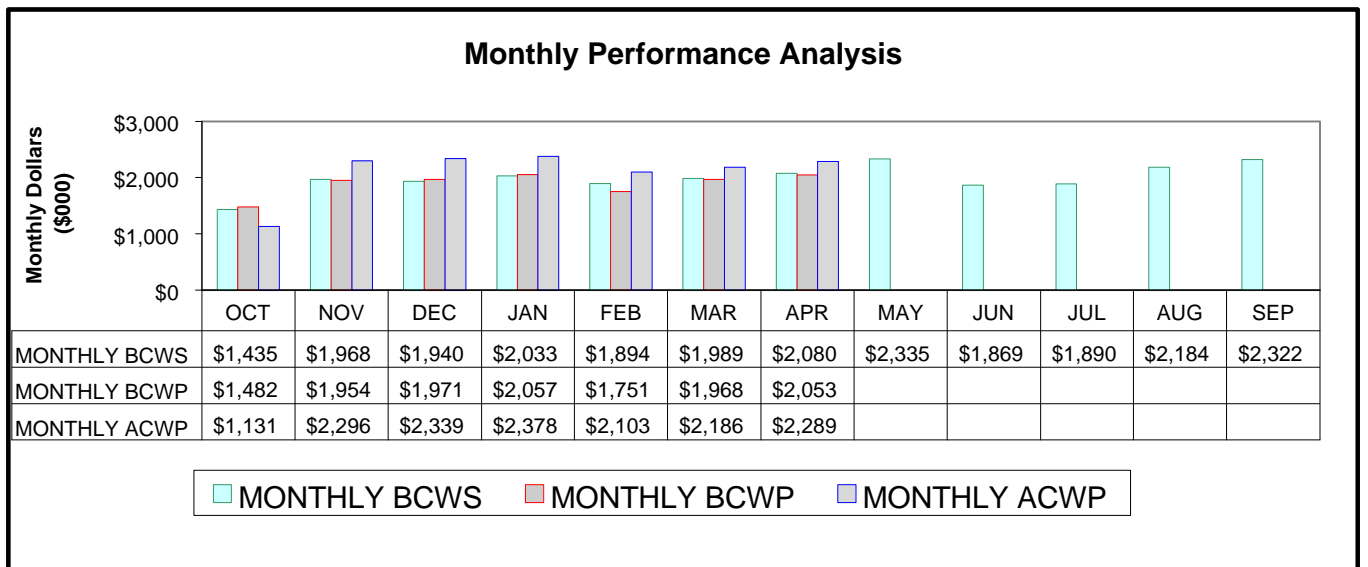
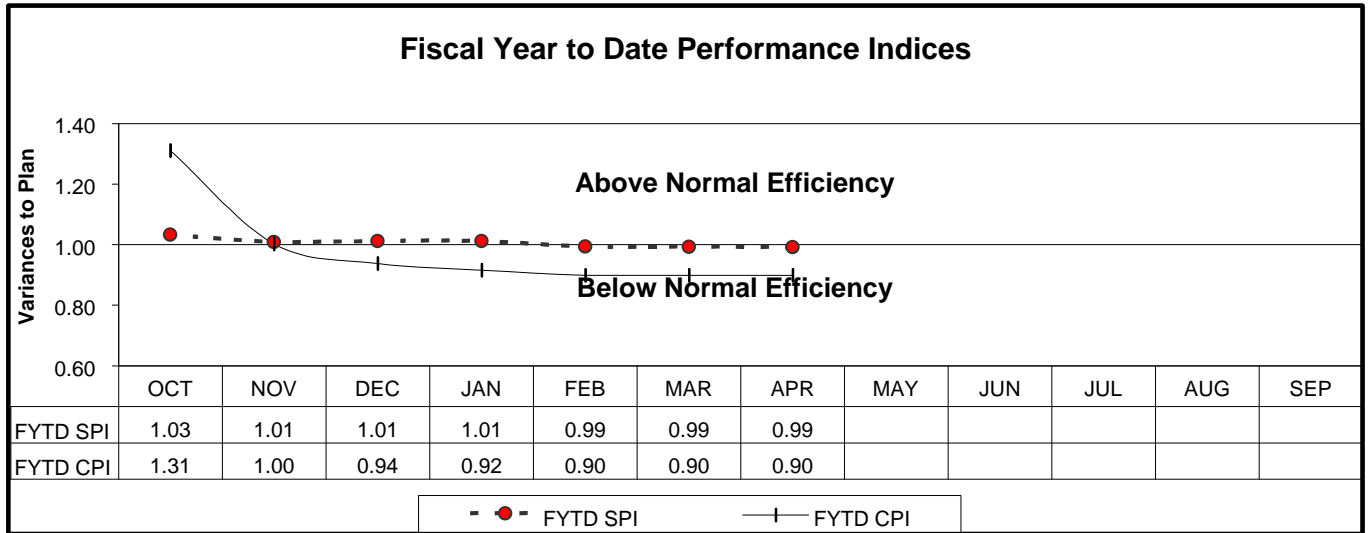
The \$0.1 million (28 percent) unfavorable cost variance in SE&I is primarily due to a large licensing contract that was not required this Fiscal Year.

The 1.8 million (48 percent) unfavorable cost variance is due to three projects sharing the same B&R code reflecting a \$2.4 million difference between PS&RPP's reported actuals and the actuals reported in Discus.

Impact: None

Corrective Action: In B&PA, the completion of the system modifications will significantly reduce the variance. Once the BCR, which removes the unaccrued fee, is passed the remainder of the underrun will be next to zero. In SE&I, the funding allotted for the licensing contract was passed back in the last FYSF review on April 18, 2001. The net effect of this pass back will result in a cost variance close to zero percent. In PS&RPP, Discussions on how to amend this issue are in progress

SCHEDULE /COST PERFORMANCE (MONTHLY AND FYTD)



FUNDS MANAGEMENT

FUNDS VS SPENDING FORECAST (\$000)

FY 2001 TO DATE

	Project Completion *			Post 2006 *			Line Items *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
Multiple Outcomes									
1.8 Mission Support									
OT01, OT04				\$ 15,989	\$ 16,573	\$ (584)			
Inventory				\$ 7,267	\$ (172)	\$ 7,439			
Total Mission Support Operating				\$ 23,256	\$ 16,401	\$ 6,855			
Total Mission Support Line Item									

* Control Point

ISSUES

Technical Issues

Nothing to report at this time.

BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS

PROJECT CHANGE NUMBER	DATE ORIGIN.	BCR TITLE	FY00 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
SPI-2001-001	12/12/00	Baseline Modifications to Support FY 2001 MYWP Update Phase II							Draft
SSE-2001-001	12/18/00	FY 2001 MYWP Phase II							Draft
PSR-2001-001	01/11/01	Holding							Draft
PSR-2001-002	01/11/01	Holding							Draft
PS-2001-003	01/02/01	Alignment or Budget/Scope to Funding Allocation and Incorporation of FY 2000 Carryover.	198			01/10/01	01/10/01		In Progress
ADVANCE WORK AUTHORIZATIONS									
		Nothing to report.							

KEY INTEGRATION ACTIVITIES

Specific components of the PS&RP Program are identified as a critical core project within the Groundwater/Vadose Integration Project. As such, key activities relevant to both programs were integrated into FY 2001 detailed work plans as appropriate.